

Work Order ID 53679

November 12, 2009 8:43:47 AM



Page 1

Item ID: D3965-4

Accept



Setup Start



Revision ID: A

Stop



Item Name: Bearing, Spherical

Start Date: 11/12/09 Start Qty: 4.00



Cust Item ID:

Required Date: 11/12/09 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan: CX

Date: 09/11/12

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3965

Rev A

100

0.00



Purchasing

Memo

0.00

PURCHASING

Issue P/O: 8447

Purchase Part Number: 63215K32 or 63215K52

Possible Supplier: McMaster

Material release note is required

CX 09/11/12 (4)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

pull from
stock

CX 09/11/12 (4)

Packaging

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

November 12, 2009 8:43:47 AM

Page 1

Work Order ID: 53679

Parent Item: D3965-4RevA

Parent Item Name: Bearing, Spherical



Comments:

Start Date: 11/12/09

Required Date: 11/12/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
63215K32  Spherical Bearing		Purchased	No			110	Each	7.0000	4.0000 			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

7

111278

7

4

~~4~~ C207/11/12

(4)

APF
C

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

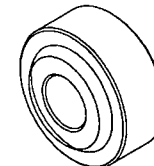
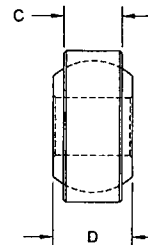
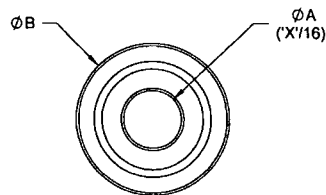
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 53679
CX0911112



D3965-X BEARING, SPHERICAL

WHERE 'X' IS I.D. IN 1/16" OF AN INCH
EG Ø 1/4" (4/16") I.D. BEARING = D3965-4

DART P/N	SUPPLIER	SUPPLIER P/N	A	B	C	D	STATIC RADIAL LOAD CAP. lbs
D3965-3	McMASTER-CARR	63215K31	0.188	0.563	0.281	.219	3,975
D3965-4	McMASTER-CARR	63215K32 OR 63215K52	0.250	0.656	0.344	0.250	6,040
D3965-5	McMASTER-CARR	63215K53	0.313	0.750	0.375	0.281	8,750
D3965-6	McMASTER-CARR	63215K34	0.375	0.813	0.406	0.313	10,540

NOTES:

- 1) MATERIAL: 440C STAINLESS STEEL WITH PTFE LINER
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

RELEASED
09/08/25 NW

A	NEW ISSUE	RF	09.07.09
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.09		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3965	REV. A SHEET 1 OF 1
TITLE BEARING, SPHERICAL	SCALE NTS
COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR DISCLOSED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

Receiving Report

Date: 09/03/31

Batch No: 111278

Supplier: McMaster

Dart P/O: 8447

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 AS

Production/Admin: 09/03/31
 Date 09/03/31
 Received/Costing RCP 10601
 Initial CS

Location

ora OH 44202
0-995-5500
sales@mcmaster.com

1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Main Finished Goods Location

mcmaster-part number
4583199-02

03/25/2009

e	Description	Ordered	Shipped
✓	63215K52 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 1/4" ID, 21/32" OD, 11/32" Overall Width	20 Each	20

3 - 483 - 02 07 - 01 K52 20 EA 1

ipped separately from our Chicago warehouse on 03/25

✓	9776K118 2" X 50' L Hook, Adhesive Back, Beige	1 Length	1
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tificate of compliance

s is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog.

Jason Wolfe

Jason Wolfe
Compliance Manager

88
09/01/3

t Aerospace Ltd

EXP

/cle

4



1 lb
1 line

FW1WBP31
03/25/2009
10:02/10:22
530

9008734900321



DAK**FAKED**

Mar 25, 2009

1

Purchase Order Number
PO00008447

Dart Aerospace Ltd
1270 Aberdeen St
Hawksbury, Ontario K6A 1K7
Phone: (613)632-9577
Fax: (613)632-1053

Vendor Address:

McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690
USA
Phone (330) 995-5500
Fax (330) 995-9600

Ship To:

Main Finished Goods Location
Dart Aerospace Ltd
1270 Aberdeen St
Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VU-MCM001	Mar 25, 2009	N30	Purolator	Mar 30, 2009

Qty. Ordered	Item Number	Description	Expected Arrival	Drop-Ship	Unit Cost	UOM	Extended Price
✓ 20.0000	63215K32	Spherical Bearing	30/03/2009	No	15.880000	Each	317.60
✓ 50.0000	D38003200	Hook and Loop Strip (2" H	30/03/2009	No	2.354175	f	117.71
Comments: AS PER DWG D3800 REV. B B46686 MCMaster P/N: 9776K118 (1 ROLL OF 50 FT)							
<div style="border: 1px solid black; padding: 5px; text-align: center;"> CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY </div>							

Comments:

Tax Summary:

Entered By: CL CLAVOIE

Approved By: 

Less:

included tax

0.00

Subtotal

435.31

Total tax

0.00

Total purchase order in

USD Dollars

435.31